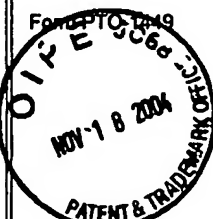


Form PTO-1019 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-2608	SERIAL NO. 10/656,732
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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AP	AA	5,236,860	8/17/1993	Fazan et al.			
	AB	5,654,222	8/5/1997	Sandhu et al.			
	AC	5,955,758	9/21/1999	Sandhu et al.			
	AD	5,990,021	11/23/1999	Prall et al.			
	AE	5,604,696	2/1997	Takaishi			
	AF	6,204,178 B1	3/2001	Marsh			
	AG	6,303,956 B1	10/2001	Sandhu et al.			
	AH	2004/0056295	3/25/2004	Agarwal et al.			
	AI	10/733,181		Manning			12/10/2003
	AJ	10/894,633		Manning			7/19/2004
	AK	10/928,931		Busch et al.			8/27/2004
AL	AL	10/929,037		Manning			8/27/2004
	AM						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes • No
	AN						
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
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EXAMINER	DATE CONSIDERED		

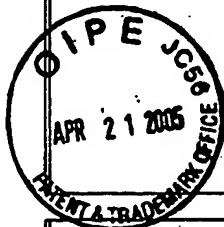
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U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Section	Filing Date If Appropriate
AC	AA	6,667,502 B1	12/03	Agarwal et al.			
	AB						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Section	Translation
	AM						Yes No
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OTHER REFERENCES (including articles, books, data, periodicals, pages, etc.)							
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Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AP	AA	6,204,143	3/2001	Roberts et al.			
	AB	6,180,450	1/2001	Dennison			
	AC	5,340,763	8/1994	Dennison			
	AD	6,403,442	6/2002	Reinberg			
	AE	6,037,218	3/2000	Dennison et al.			
	AF	5,652,164	7/1997	Dennison et al.			
	AI	5,498,562	12/1996	Dennison et al.			
	AJ	5,401,681	3/1995	Dennison et al.			
AC	AK	5,605,857	2/1997	Jost et al.			

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							Yes	No
AC	AL	DE 4447804 C2	1/24/2002	Germany (Abstract)				X
	AM							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AC	AN	Banhart, <i>Aluminum Foams: On the Road to Real Applications</i> , MRS BULLETIN, pp. 290-295 (April 2003).
AC	AO	Gibson et al., <i>Cellular Solids</i> , MRS BULLETIN, pp. 270-274 (April 2003).
AC	AP	Green et al., <i>Cellular Ceramics: Intriguing Structures, Novel Properties, and Innovative Applications</i> , MRS BULLETIN, pp. 286-300 (April 2003).
EXAMINER	DATE CONSIDERED	9/27/05

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Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Ae	AA	5,705,838	1/1998	Jost et al.			
	AB	5,686,747	11/1997	Jost et al.			
	AC	5,702,990	12/1997	Jost et al.			
	AD	5,821,140	10/1998	Jost et al.			
	AE	5,900,660	5/1999	Jost et al.			
	AF	6,110,774	8/2000	Jost et al.			
	AI	2002-086479	7/2002	Reinberg			
	AJ	2002-090779	7/2002	Jang			
	AK	2002-163026	11/2002	Park			
	AL	2001-026974	10/2001	Reinberg			
Re	AM	2002-039826	4/2002	Reinberg			

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FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
Ae	AN		Green et al., <i>The Structure and Applications of Cellular Ceramics</i> , WEB EXTRA, 10 pages (April 2003).
Ae	AO		Karp et al., <i>Scaffolds for Tissue Engineering</i> , MRS Bulletin, pp. 301-306 (April 2003).
Ae	AP		Kraynik, <i>Foam Structure: From Soap Froth to Solid Foams</i> , MRS BULLETIN, pp. 275-276 (April 2003).
EXAMINER	DATE CONSIDERED 9/27/05		

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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AC	AA	11/006,331		Cern Basceri et al.			12/6/2004
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	AI						

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FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AJ							
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	AL							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
AC	AM		Maire et al., <i>In Situ X-Ray Tomography Measurements of Deformation in Cellular Solids</i> , MRS BULLETIN, pp. 284-289 (April 2003).
AC	AN		Oh et al., <i>Preparation and Pore-Characteristics Control of Nano-Porous Materials Using Organometallic Building Blocks</i> , 4 CARBON SCIENCE, No. 1, pp. 1-9 (March 2003).
AC	AO		Onck, <i>Scale Effects in Cellular Metals</i> , MRS BULLETIN, pp. 279-283 (April 2003).
EXAMINER		DATE CONSIDERED	
[Signature]		9/22/05	

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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AG						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
AH		Park et al., <i>Block Copolymer Lithography: Periodic Arrays of $\sim 10^{11}$ Holes in 1 Square Centimeter</i> ,	
		276 Science, pp. 1401-1404 (May 30, 1997).	
AJ		Tsukada et al., <i>Preparation and Application of Porous Silk Fibroin Materials</i> , 54 JOURNAL OF APPLIED POLYMER	
		SCIENCE, pp. 507-514 (1994).	
AK		"Novel Robust Cell Capacitor (Leaning Exterminated Ring Type Insulator) And New Storage Node Contact (Top Spacer Contact) For 70nm DRAM Technology And Beyond"; Park et al.;	
		2004 Symposium on VLSI Technology Digest of Technical Papers; 7/2004; pp. 34-35.	
AK		PCT/US2004/027898; Filed: 8/26/2004; PCT Search Report mailed 2/28/2005; 4 pp.	
EXAMINER		DATE CONSIDERED	9/27/05

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AA						
AB						
AC						

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Document Number	Date	Country	Class	Subclass	Translation
AD	1/2002	Germany	550	717	217
AE					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AF	J. P. O'Sullivan et al., <i>The morphology and mechanism of formation of porous anodic films on aluminium</i> , PROC. ROY. SOC. LOND. A, Vol. 317, pp. 511-543 (1970)
AG	S. Shingubara, <i>Fabrication of nanomaterials using porous alumina templates</i> , J. NANOPARTICLE RES., Vol. 5, pp. 17-30 (2003).
AH	S. Tan et al., <i>High Aspect Ratio Microstructures on Porous Anodic Aluminum Oxide</i> , IEEE, pp. 267-272 (1995).
AI	J. Liang et al., <i>Nonlithographic Fabrication of Lateral Superlattices for Nanometric Electromagnetic-Optic ...</i>
	IEEE J. SELECTED TOPICS IN QUANTUM ELECTR., Vol. 8, No. 5, pp. 998-1008 (Sept/Oct 2002).
AJ	V. V. Konovalov et al., <i>Chemistry of Materials</i> , CHEM. MATER., Vol. 11, No. 8, pp. 1949-1951 (August 1999).
AK	H. Masuda et al., <i>Highly ordered nanochannel-array architecture in anodic alumina</i> , App. Phys. Lett, Vol. 71, No. 19, pp. 2770-2772 (November 1997).
EXAMINER	DATE CONSIDERED

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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS								
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							Yes	No
	AK							
	AL							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
A	AM		D. Crouse et al., <i>Self-Assembled Nanostructures Using Anodized Alumina Thin Films for Optoelectronic Applications</i> , IEEE, pp. 234-235 (1999).
B	AN		A. Nadeem et al., <i>Fabrication of Microstructures Using Aluminum Anodization Techniques</i> , pp. 274-277 (pre-2004).
C	AD		C. Y. Liu et al., <i>Ordered anodic alumina nanochannels on focused-ion-beam-prepatterned aluminum surfaces</i> , Appl. Phys. Lett., Vol. 78, No. 1, pp. 120-122 (January 2001).
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